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HIGHER SCIENCE



of the

MOTION of MATTER

A MAGAZINE DEVOTED TO SCIENCE, TRUTH, INVESTIGATION & MATTERS OF GENERAL INTEREST

JULY, 1906

FRANKLIN H. HEALD
EDITOR AND PROPRIETOR
LOS ANGELES, CAL.

ISSUED MONTHLY

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CYCLES OF 100 YEARS

In a report published by the Smithsonian Institution at Washington, *The Mathematical Theories of the Earth,* the able scientist, Robt. S. Woodward, says in conclusion:

* * * These and many other questions, old and new, might serve equally well to illustrate the principle fact that this address has been designed to emphasize, namely, that the mathematical theories of the earth already advanced and elaborated, are by no means complete, and that no mathematical Alexander need yet pine for other worlds to conquer.

Speculations concerning the course and progress of science are usually untrustworthy, if not altogether fallacious. But being delegated for the hour, to speak to and for mathematicians and astronomers, it may be permissible to offer, in closing, a single suggestion, which will perhaps help us to orient ourselves aright in our various fields of research. * * * Races and communities, as well as individuals, the armies in pursuit of truth as well as those in pursuit of plunder, have their periods of culminating activity and their periods of placid repose. It is a curious fact that the history of the mathematical theories of the earth presents some such periodicity. We have the marked maximum of Newton, near the end of the 17th century, with the equally marked maximum of the epoch of La Place near the end of the 18th century; and judging from the recent revival of geodesy and astronomy in Europe, and from the well-nigh general activity in mathematical and geological research, we may hope, if not expect, that the end of the present century (this report was made in 1891) will signalize a similar epoch of productive activity. The minima periods which followed the epochs of Newton and La Place, are less definitely marked but not less noteworthy and instructive. * * *

As to the future, we can only guess, less or more vaguely, from our experience in the past and from our knowledge of present needs. Tho the dawn of that future is not heralded by rosy tints of over confidence amongst those acquainted with the difficulties to be overcome, on the whole, has never been more promising. * * * There is ample reason to suppose that our day will witness a fair average of those happy accidents in science, which lead to the discovery of new principles and new methods. * * *

This prophecy or postulation was made in the year 1891, and the *Procession of Planets* and the true motions of matter, i. e., that all motion is made by the expanding and contracting of matter, by heating and cooling, was discovered in the last year of the century, thus coinciding reasonably well with his prediction that such would be the case. Newton discovered and proved the great law of gravity and applied it properly to the apple which fell from the tree to the ground, but he failed to apply it properly, to the falling of celestial bodies, simply because they were falling in great spiral orbits. They were, in his mind,

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balanced in space by centrifugal force, because their approach to the sun was too small for him to measure in a lifetime. Whether or not he wondered why they could move, we will probably never know, but it seems almost a miracle that he did not notice that as each one was nearer to the sun, it was traveling faster, and that going towards the sun from Neptune they were closer together in a mathematical ratio, as their speed and centrifugal force increased. Even the great Laplace, living a century later, failed to grasp the significance of these facts, and neither of them could fathom the simple "mystery" of a repulsive force (the expansion by heat) which raised the matter of the apple to the treetop. However, it can hardly be wondered at when we realize the grand things they did discover, and all contrary to the teaching of Christianity, which not only stood with its flaming swords between humanity and the tree of knowledge, but tied such great men to iron stakes and burned them with green wood, when they discovered a law of nature which interfered with the chance and changing motions of their jealous and angry god.

EARTHQUAKES

A great many educated, political and appointed scientists and others have made numerous guesses as to the cause of earthquakes, since the terrible disaster at San Francisco last April, but I have not seen much that is instructive or to the point.

Most of the scientists, astronmers, geologists and philosophers agree that the planet has been a molten body, and is now about fifty miles from the surface. That it is gradually cooling and that the buckling of the crust and raising of mountain ranges causes the great shakes that make so much trouble and loss of life and property.

This is evidently a mistake, as mountains rise very gradually, and the motion could not possibly be felt. I have experiencel perhaps two hundred earthquakes, shocks and trembles during the past thirty years on the Pacific Coast, and have positive proof that they are of two kinds. Both are electrical, but one is entirely in the atmosphere and the other is in the earth itself. The one which happens the most frequently is in the atmosphere only and is preceded by what is called "earthquake weather." This "earthquake weather" is a very comon expression in Southern California, and especially on the arid desert portions. This "earthquake weather" is heralded by dry, disagreeable, nervous, electrical effects which sensitive persons can feel very plainly. Horses especially show the indications of earthquake weather; they are nervous, fretful and ready to run away or do unnatural things. The hair on their tails will bush out and at night will often throw out sparks when it touches the iron trimmings of the wagon or vehicle. Many persons can make such display at these times.

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It is impossible to say whether only the air is shaken or whether the earth, unless special arrangements are made to measure the difference. If an earthquake is only the buckling of the earth when cooling, how is it going to give notice by "earthquake weather," pray? It is simply an electrical vibration which is so quick that it moves the air back and forth the same as if it was a solid. When, however, we have a genuine shake of the earth, it is, or may easily be, more serious, because the earth is so much more rigid than the air.

We know some of the peculiarities of electricity and its natural working in the clouds, and between the clouds and the earth. We know that it gathers in great charges, some positive and some negative, and we know that when these come together and equalize, there is a great crashing of fire, caused by the terrific motions thru the medium of resitance. We know also that electricity is a lower degree of heat or force, and it is therefore easy to perceive that, as the earth is constantly cooling, great belts of mineral or beds of clay, rich in alluminum, or other great bodies of substance, might become stored with positive or negative electricity, as the earth is radiating its heat thru the crust into space. It might be in places cooled to the degree of electricity, and when the charges became strong enough, be discharged the same as between clouds in the atmosphere. Or, they might be discharged from the earth to the clouds, or *vice versa.*

I have frequently seen the whole tops of hills, which had been blown off, and once witnessed such an explosion from a hilltop to a cloud, which threw dirt and dust more than one hundred feet high, jarring the earth for half a mile, independent of the atmosphere, and several seconds sooner, at the point where I stood, than the jar which followed thru the atmosphere.

About the time of the great San Francisco earthquake, we had a slight shock at Los Angeles, which was hardly perceptible and which many people did not notice at all; but to show you that it was of an electrical nature, my son's wife lost nearly all of an incubator full of ducks which were hatching. Every duck which had not broken its shell and drawn its first breath of life, was killed, and every one that had broken its shell was alive. This could not be on account of the jar of the earth, because the jar was less than that necessary to turn the eggs every morning during the three weeks of incubation. Since investigating farther I find that it is a common occurrence, not only in case of earthquakes, but also sometimes during thunder showers, partly hatched chickens will be killed. Any good housewife can tell you and give you proof of these occurrences.

The shaking motion of an earthquake is distinctly electrical. If you will stop to think of it, there is no other motion in nature which even resembles the motions of electricity. Its motions are too quick to be measured by the muscles acting on the brain. You

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can readily understand the suddenness and unexpected change of electrical motion by watching the forked lighting play on a dark night. Acting so quick as to make the air in front of it, for the instant, a solid, it seeks an outlet of least resistance and completely changes its direction many times in the fractional part of a second. This motion can be fielt in an earthquake much easier than it can be measured.

There is also another proof that it is electrical, in the action of very sensitive animals, such especially as horses, which often become unmanageable and nervous before a genuine shaking of the earth. If it was only a mechanical motion of the earth which was to happen soon, how would it be possible for it to give notice of its intentions to move? Whereas, if it is an overcharge of one or the other polarities of electricity (which is a vibration of heat), it might easily give notice to a sensitive animal.

RED-HOT GAS

Dr. M. Wilhelm Meyer says, on page 14 of *The End of the World,* when speaking of the possible causes of its destruction:

* * * Further, who knows but what there are unusually hot or cold regions in space thru which our earth, along with the entire solar system might be carried, so that in such extremes of temperature life would likewise be destroyed. There are thousands of such possibilities, just as there are thousands of possibilities that thru some chance which it is utterly impossible to forsee, our own life may be cut off in the next second. The world of heavenly bodies too, is not perfect; it too is not entirely protected from the fatal caprices of chance.

The Procession of Planets teaches and proves beyond any possibility of doubt, that there are no cold or hot streaks in the universe without a cause, that there are no patches of real hot gas in space, thru which we might possibly pass, because there is no reason why there should be. There would have to be a cause for such a condition. So many million miles from our sun in every direction the heat is at a certain temperature which is easily known by figuring the diffusion of light. In the space of the universe in which the suns of our binary system are traveling around each other, it is impossible that any other bodies should intrude. After we have passed on, like the fan of a windmill, perhaps, as the galaxy itself turns, other binary systems may occupy our present position in space, and others may have occupied it in trips before us, but we cannot conceive by reason or mathematics a condition in nature where two celestial bodies or solar systems can change their relative positions to each other, any more than the parts of a machine can change their relative position to each other. The only change they can make is by the laws of gravity (falling) and the laws of heating or swelling up by increasing their size.

We might compare the working of the parts of the universe to the fans of a windmill, which can never overtake each other,

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but for the fact that the bodies of the universe fall around and to each other, and separate again by enlarging into gas and by centrifugal force, back and forth, time and again, without end, perhaps. There is no doubt but that the earth will sometime fall to the sun and be changed into gas of heat expanded matter, and its bulk of gas again raised from the sun by expansion, and that when all the other planets and all the other matter of the solar system has fallen and been expanded and forced the gas of our earth up beyond the orbit of Neptune again, it will be condensed into crystal clouds and form into another world. In the meantime the gas of Mercury and Venus will be ahead of us going up, and the other planets below us as gas coming up, and a retinut of newly-made planets will be falling down to the sun in regular order and ratio of distance and speed as they are now. All this time our sun and *Alpha Centura* will be falling around each other and simetime will reach each other with such immense falling speed that, like the two bodies that made the "new star on Persius," they will create such heat, grinding around each other, that the heat and centrifugal force will separate them and their accompanying gas and nebulous matter as far apart as ever they were, where they will again organize their solar systems. This they may do, time without end almost, before the galaxy to which we belong does the same thing on a larger scale. Perhaps there are also other galaxys in space which ours is traveling around and are traveling around ours, and that they may come together by gravity and separate by heat and centrifugal force, but it seems to me that accidents are confined to bodies that, like the planet which made the Asteroids, overheat in rotating.

BONDED SLAVES

People who pay interest on bonds can never be other than slaves, because the paying of interest is contrary to nature. It is all right to vote a direct tax with which to make needed improvements, but to go into debt and pay large interest means slavery for the people. Some of my friends who do not own real estate say, "It can be no worse, and I will have no tax to pay." This is a mistake easily made, but is a mistake just the same. When the people who own homes are oppressed slaves, the ones who own nothing will have a still harder time to make a living. When the industrious and careful owners of homes are happy, out of debt and prosperous, all the non-property owners who furnish them with necessaries, either substantial or professional, must necessarily be prosperous. How could they be prosperous unless the people upon whom they prey are prosperous? Bonded indebtedness is simply a subterfuge of the crafty and scheming non-producers to live upon the industry of the producers. Let me show this by figures which you may

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easily confirm, if you have the time to spare, and let me add, you cannot spend a day to any better advantage. Suppose the bonded indebtedness to be 100 million dollars, drawing 7 per cent interest. The interest coupons are payable quarterly, and more money must be borrowed at the same rate or higher to pay this interest, so that it is virtually compounded quarterly. Figure this up and compound it quarterly for 40 years and you will be surprised to find that the bonds will about double every ten years, so that when it has doubled four times it will amount to the enormous sum of $1,700,000,000. Few people ever stop to consider such things. They are too busy trying to raise extra money to pay these unjust taxes to capital, which simply lays still and draws interest.

If I ever become part of a rich, unfeeling corporation and can afford to buy bonds which draw interest, I will, no doubt, vote for and work for them; but as long as I am simply an owner of real estate and must help pay this interest, I will vote against bonds. More especially will I vote against them when I know that the money is to be spent by a gang of thieves and boodlers, and it will always be in the hands of thieves and boodlers to spend, as long as men are allowed to vote upon the question of bonds who are not real estate owners. Bonds are the same as a mortgage and draw interest the same, except that they draw it oftener. No nation can ever become great and remain so whose people are allowed to go in debt and pay interest upon bonds. There should be a national law to prohibit bonded indebtedness, both of the government and its people. Bonded indebtedness is more than all other reasons why a class of idle nonproducers can live in luxury and brutal selfishness, while a class of hard-working, honest people can barely live and wear decent clothing. It is, however, their own fault that they allow religion and custom to oppress them.

EOR BETTER HUMANITY

In *Nautilus* for June, 1906, Eleanor Kirk tries to answer a question from a friend, to-wit:

"Where does the human will leave off and the divine will begin."

I beg to suggest, if HIGHER SCIENCE will allow, that the divine will left off when civilization began and will not begin again, until the human family recognizes itself the highest embodiment of mind thus far evolved from the vegetable (see Darwin, Huxley, Ward, Mills, *et al.*) and will take in hand this matter of life and death and see that the human species is propagated and pruned, by social law, unbreakable by personal profit, in such a scientific manner as to eliminate the extremes of pain by making inevitable a large degree of happiness and health to all who work for the good of society, thus insuring the perfection of species, the unconsciously recognized "aim" of life. I most strenuously object to the proposition that happiness is the aim of human life. It is the accompaniment and must interchange to some extent with unhappiness, in order to continue the stimulus to progression.

If Eleanor Kirk will procure copies of Mills' *Struggles for Existence*, Eliza Burt Gamble's *God-Idea of the Ancients* and Franklin H. Heald's

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Procession of Planets, she will find answers to all of her vague wanderings and wonderings. She will discover that divine will left off when Christianity began and the books on scientific breeding of the human species were burned, by order of priestcraft. Priests then posed as Divines and turned the real religious, or righteous law, into church license. Then, as she delves in the rich treasures of historic research of Gamble and Mills and scientific research of Heald, she will discover that "divine will," is about to reappear on the earth, now that tribal wars are nearing a close, by the rapidly increasing means of transportation and communication, and science has proven that no mind can exist without matter and human mind alone can express the "divine." She will also discover that the grand awakening furnished by Heald, corresponds with scientific understanding of the ancient teachers, showing the generation and regeneration of the life principle, heating and cooling, by expanding and contracting, and that as soon as humanity can again understand that humanity is "God" growing larger, humanity will go to work as it did in the old human days (before priests servilized the socius (companion) law to wealth) and, as the children say, "play God."

Whenever humanity discovers that no superior power is in the universe, it will calmly go to work and adjust the production and distribution of human life, as well as other kinds of life. Then the D'evil Will, will abdicate the throne and "D'ivine" or "loving Will" will once more assume control of the law. (See *Childhood of Religions,* by Edward Clodd.) This law will be dominated by the human desire for health, wealth and happiness, for all the children of the human species, but will not consider it a sin to eat good clean beef.

This may seem a long time ahead to my old friend Eleanor, but if she will get the books, study up on the struggle for life, get *The God-Idea of the Ancients,* tracing the course of sensuality, as it grappled with and overcame the intellectuality and devotionality, get the *Procession of Planets* and see how all the phases of life grow out of matter in motion, she will find full answer to all her questions about the "divine mind," its origin, its workings and by a little figuring, its possibilities.

coopera-
tively

Eleanor shows such a deep interest in "things spiritual" that I am moved to ask her to join the International Mother's Study Club recently organized in this city. Questions for the lesson will be ~~comparatively~~ formulated by resident members and copies forwarded by mail to all members of the class, who, with classbooks in hand, will be able to send in their version of opinion on the matters discussed, to Headquarters Receiving Station (Mrs. Myra Thrasher, 517 East 16th street, Los Angeles, California). These replies, opinions and several understandings of class members, will be carefully examined by Class Reviewer, notes taken for submittal to local class at regular monthly meeting, resolutions taken and report made in HIGHER SCIENCE for each month.

Live mothers of America will see directly that the very essence of rightness is no taxation of divinity without representation of divinity; and that taxation of the part of family life that must bear the pain, without representation in laws governing production of pain, was as the "fall of nations" has proven, only D'eviltry, or the hate-life.

The Eve's and Miss Dartle's who "would be so glad to know" are to have a quiet study of things material and etherial" just among ourselves."

We cordially invite both Eleanor and the fair Elizabeth (Madonna) and trust they will be among the leaders, in the beginning of this world-movement, uniting, from the first, the shores of stormy Atlantic with the peaceful Pacific, to the end of hastening that which is rapidly on the way, the "Millennium Dawn," or, "Scientific Monotheism" outlined by T. B. Wakeman and promised by Ward, Humbolt and others of the farseeing ones, the "seers" who, until the beginning of the Era of Man (1600) were burned

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and tortured for giving to the world the knowledge of the truth, that would

In regard to the [redacted] books: Classbook I., *The God-Idea*, can be obtained of G. P. Putnam's Sons, West 23rd St., N. Y.; Classbook II., Mills' *Struggle for Existence*, of Walter Thomas Mills, Rosedale, Kansas, and Classbook III., *Procession of Planets*, of Franklin Heald, Los Angeles, California.

HELEN PHILBRICK,
(Temporary Class Reviewer, I. M. S. C.)
Los Angeles, California.

WE CAN'T DIVINE

BY A. F. STOWE.

Among the creeds down here below
There are some things we can't divine;
How another's grief or sinless woe
Can right the wrongs of yours and mine.

Somehow we ne'er could understand
The wisdom of "Atonement plan,"
That makes the road to promised land
And rights the wrongs of fallen man.

We doubt the tales of grief and woe
That mapped the life of "God's Own Child."
If he did reap as he did sow,
You have our reason much defiled.

We doubt your faith that makes your creeds,
Or wond'rous power of your belief
That makes as naught your evil deeds;
Such plans are sure to come to grief.

Why does your God oft' lavish smiles
Upon the world's dishonest gains,
Or ne'er stop Evil's many wiles,
And o'er Fraud send copious rains?

Why does Imposture wear a crown,
And rogues thrive in dishonest gain,
While Truth and Honor tumble down,
And Honesty oft' works in vain?

Why does your God ne'er stay the hand
Of lawless Wrong and cruel Hate,
Or raging storm on sea and land?
Why give to Justice adverse fate?

Los Angeles, Cal.

In order to play baseball on Sunday in New York, it is necessary to open the game with prayer.

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EDITORIALS

The easiest and surest way to change the mind of a fool is to give him a drink of forty-year-old brandy.

No one but a filthy little christian fool would maliciously lie about the great and good man, Thomas Paine.

A great English "Lord" once said: "Astronomy takes away human ambition." He should have said it takes away "superstition."

If God, Jesus Christ, the Devil and the parson were all females, there would be a much larger attendance of men at religious services.

Mind cannot create things; it is only a result of motion itself. It can only direct matter. Matter can also direct mind, as in the case of a drink of whisky.

The Procession of Planets and the true motions of matter are to be taught in the new College of the Church of Humanity. This theory shows why a god cannot exist.

Life is only a motion upon the protoplasm of a living organism. When that motion ceases, the life is gone. When the protoplasm is destroyed, the motion must cease.

HIGHER SCIENCE once prophesied that Los Angeles would be a larger city than San Francisco, but we are not mean enough to say (now that it has happened) "We told you so."

The Procession of Planets, stars, comets, moons, Milky Way, etc., done with electric lights the first and second nights of La Fiesta de Los Angeles, was a wonder even for the twentieth century.

There is a movement on foot to compel the pasting of a small apron on all pictures of "our blessed Savior" in illustrated bibles. Of course our Catholic postal inquisition will join HIGHER SCIENCE in endorsing it.

Now that Jehovah has passed and Roosevelt has appointed himself to assume the duties of cursing mothers, etc., had not some one better tap him for information as to his intentions in the matter of earthquakes? How soon will he destroy Chicago?

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Of all the people in the world who stoop to low abuse, of those who disagree with their own silly and groundless ideas, are the priests and parsons. It is no trouble for them to see things for Christ's sake, and lie for the glory of God.

Altho every possible scheme of fraud and deceipt was "worked" by the ring and news (?) papers to carry the bond election in May, it failed. People are waking up to the fact that the city is in the hands of a political ring of thieves.

One of the best articles on Socialism we have seen is in June *Vanguard*, of Milwaukee, Wis. It is a fable by D. K. Young, and would be profitable reading for any member of any political party. Send a nickel to *Vanguard* and get it. It is worth $5 for the fun there is in it.

It is all right to love animals if you can stomach their smell, but do not forget that the smell of a snake, dog or horse will turn some people deathly sick. These animal lovers, who would rather kiss a nasty, foul-breath dog than a sweet little human being, should be consistent and oppose their slavery and the abuse of horses.

Predictions are freely made that San Francisco will build up again; but allow this magazine to mention the fact that it will not be neded if the Panama Canal is really to be built. If the rebuilding of the city is largely backed by Rockefeller and United States Senators, you may rest easy, because the canal will be postponed for years.

There are thousands of witnesses ready to make oath that Helen Wilmans has benefited them by absent treatment, yet our Catholic postal inquisition will persecute her; but allow any old bloated and blear-eyed priest or preacher, living by the charity of deluded women and little children, to prey upon the public thru the mails or any other way, by pretending to represent a jealous and angry old Jew god.

Altho it may seem like a strange new kind of "blasphemy" to a lot of religious asses, P. O. department inquisitors and trust leaders who want to breed slaves and soldiers, the time is rapidly approaching when it will be necessary for the safety of society that law shall govern and control the production and improvement of the human species, the same as we do in the case of plants, trees, fowls and animals, to produce better varieties.

Amos IV: 10. I have sent among you the pestilence, after the manner of Egypt; your young men have I slain with the sword and have taken away your horses; and I have made the stink of your camps come up in your nostrils, etc.—*God.*

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People are getting wise and refusing to take medicine; so much, indeed, that the old style poison doctors are driven to all kinds of schemes and conspiracies against the people, in order to make a living. Their hang-together methods are as bad as religion.

Next to religion—in fact, it is a part of religion—there is nothing so dangerous as a lot of long-nosed, half-witted women meddlers, who imagine that by imposing penalties upon the sale of liquor they can stop intemperance. Any one with ordinary intelligence can see that when liquor is cheap there is no saloon and no treating. High-priced liquor brings the saloon into existence because it pays, and then boys become drunkards by treating and drinking more than they want. These half-witted women, guided by fool preachers, have made all the terrible intemperance in the past sixty years.

The Church of Humanity now has 106 members. The first 1000 will get stock in the company, which owns valuable property, left to the church by the will of a deceased member. It is expected that a great many of its members, when they are done with their earthly affairs, will leave large sums to the church which teaches the truth instead of falsehood. It costs only $2 to join and get the certificate of graduation and the church paper for five years. Write the general manager, W. H. Kerr, of Great Bend, Kan., for full particulars. Don't delay if you intend to get into the first 1000, who get stock.

The Christian church still quotes the opinions of the dead against the knowledge of the living, and calls it religion.—*Truth Seeker.*

Arrangements are on foot to have a written discussion between Rev. U. G. Wilkinson, of Comanche, Ind. Ter., and Mr. A. A. Snow, of Lineville, Iowa, appear serially in the columns of the Traveler soon. Two propositions will be discussed, the first one being: "Resolved, that the Bible is of Divine Origin," Wilkinson affirming; Snow denying. * * *

Rev. Wilkinson is the Christian preacher who is said to have completely defeated the late Chas. C. Moore in a debate at Ryan, Ind. Ter., in August of last year, while Snow is an old and experienced debater. * * *—*Arkansaw Traveler.*

Our friend of the *Traveler* has evidently heard the Indiana end of the report of the Moore debate last year. Fortunately this time it will be of record, and there will not be much chance for the preacher to lie about it, "for the glory of God." Mr. Snow is an old subscriber of this magazine and we predict a signal defeat for the preacher. Bro. Muzzles is doing a great work of reform for the Arkansas people with the *Traveler.*

The clergyman who sends a murderer to Heaven from the gallows, virtually admits that altho he is not fit to associate with men, he is fit for Heaven.—*World's Advanced Thot.*

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COMMENTS

Take the profit out of the liquor business and you have killed the devil who is raising so much trouble.—H. C. Hotlkamp, in *Deed and Double.*

Geo. B. Wheeler, our never-tiring freethot war-horse of Chicago, writes to compliment this magazine as follows:

* * * The April-May number just at hand and it is a peach, luscious and delicious. In one of your editorial briefs you say: "The U. S. Government is becoming so corrupt that postage stamps will not stick." To my mind that is one of the truest that you express. But what is making it corrupt? The influence of the dispisable Comstock and the goody, goody gang that he stands for. * * * You are right, our Government is damnably corrupt.* * *

We are glad to note in *Tomorrow's* mention of the University Digest the clear ring of scientific understanding as follows:

* * * thought is a result of life and life (in the evolutionary sense) is not a result of thought.

The GREATEST DISCOVERY EVER MADE BY SCIENCE is a new book of between 300 and 400 clothbound, illustrated pages, showing the true motions of matter, as forced along the lines of least resistance; and, by a systematic and easily understood corelation of previously known data, solving the great mysteries of nature, heretofore supposed to be "past finding out." It shows and proves that there are two opposite forces in nature, heat and gravity; enlarging the bulk of matter into gas by heat and its contracting and falling again by gravity; that in our own solar system, matter is changed by heat at the sun, into tens of thousands of times greater bulk and fills the solar system with its invisible gas, which condenses into crystals (the clouds which the telescopes reveal on the plane of the sun's equator beyond Neptune's orbit), gradually forming the new worlds, which then fall back to the sun with increasing speed, until they disintegrate, and feed the sun's never flagging energy.

It effectually disposes of the possible existence of any chance and changing mind in nature. It is destined to revolutionize our method of thinking and to have even greater influence on human affairs than did the discoveries of Bruno, Gallileo or Newton.

The price of this wonderful book it but $2.50 and will be sent postage paid from the office of HIGHER SCIENCE, Los Angeles, Cal.—*A Stuffed Club.*

The Atlanta, Ga., *Constitution*, speaking of the coming of the Torrey-Alexander revivalist outfit to that city, says: "The thots of our people are turned on the terrible mutability of things human (which he calls the earthquake), and of the only sure, stable, lasting force in the universe—the might of Omnipotence." In commenting thereon the *Searchlight*, Waco, Tex., says:

Having witnessed the "might of Omnipotence" in the destruction of San Francisco, the people of Atlanta only await the assistance of Torrey and Alexander to get good, lest they, too, have a similar visitation of his wrath. Having fully recovered from the effects of Sherman's torch, they want no more avenging providences.

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* * * As proof, note the decline of religion since a state of future punishment for misdeeds here has been snatcht from the clutchers after immortality by the vicarious atonement process. The sale of heavenly chariots has very appreciably declined since the advent of the bicycle, the automobile and the flying-machine. The fires of hell have been gradually growing colder for many years until now they would scarcely scorch the most hardened old sinner, even if applied by the flaming tongue of one of the old-time "hell-and-damnation" preachers. There are some who still believe that hell is a "yawning abyss," but they are mighty lonesome.—*Sound View.*

Our "esteemed contemporary," the Dominion of Canada, may be a little slow about some things, but she is certainly abreast of the times when she starts in on the laudable and praiseworthy undertaking of taxing church property. The United States should take the hint instanter.—*Conable's Path Finder.*

A great wave of awakened thought is spreading over this country and over the world. People are doing more thinking than ever before; the psychic element of mankind is becoming stronger every year. I am inclined to think that in a few years thought forces will be photographed, and that thought photography will be a reality.—*Suggestion.*

Wrong again. The human reason is evolving and taking the place of this psychic element, which belongs to animals. It is getting weaker every year, and the farther we look back for thousands of years the stronger we find it. *Suggestion* dare not publish our proof and data without danger of losing its supporters of the psychic chimera.

My country now from thee,
I wrench my young life free,
Thy laws I scorn.
Thou are a cruel fiend,
From hell still unredeemed,
From hell's dark joys unweaned
Since Priestcrafts dawn.

—From *Aunt Helen's Love Letters.*

Joel III:16. The Lord also shall roar out of Zion and utter his voice from Jerusalem; and the heavens and the earth shall shake; * * * so ye shall know that I am the Lord your God dwelling in Zion my holy mountain: then shall Jerusalem be holy and there shall be no strangers pass thru her any more. And it shall come to pass in that day, that the mountains shall drop down new wine, and the hills shall flow with milk, and all the rivers of Judea shall flow with waters, and a fountain shall come forth out of the house of the Lord, and shall water the valley of Shittim.—*God.*

Dr. J. H. Tilden, of *A Stuffed Club,* Denver, Colo., in a long letter of encouragement, among other good things says:

* * * We expect a great deal from you in the future; now that you have ripened to a point of furnishing good mental pabulum, we do not want you to turn up your toes too soon. * * * I wish you success in your revising of *The Procession of Planets.* You may put me down for a copy; yes, you may put me down for two copies. I want one for my daughter. * * *

If you had any lingering idea that it might be possible that God was a real being as claimed by idolaters all doubts should have been removed forever from your mind by the San Francisco disaster that proves beyond the shadow of a doubt that God is only a myth.—*Truth About God.*

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* * * Why do so many who profess great love for God, have such an aversion for soap and water? Nastiness never seems to interfere with a person's salvation.—*Progress.*

Higher Science

for and in the name of humanity, objects to the dedication of school houses and other public buildings in the name of Christianity.

The dedication of a building devoted to the advancement of intelligence in the name of a religion based on superstition, is so inconsistent it should be made a state's prison offense.

There is no evidence of the characteristic caprice of intelligence in the always uniform order of nature. The universe was not created, but always existed.—*Wilderness of Worlds.*

A Presbyterian minister, Rev. Chas. Stelzie, said in a speech at St. Louis, to a gathering of ministers, as a warning note:

* * * Socialism is growing, and it is no longer looked upon as simply an economic question, but for many it has become a religion.

Ex-ministers and ex-priests are now conducting regular Sunday meetings during the entire year, and they have their regular congregations. * * *

Theirs is a materialistic doctrine purely, eliminating entirely the idea of God. By them the minister of the gospel is looked upon as a parasite, living off the toil of the laboring man, working against the latter's interest, and having nothing in common with him. * * *

If this is realy true, and it seems to be so more and more, this magazine is for socialism. We also hope they will eliminate the god idea, that high priced liquor encourages temperance, when the effect is exactly the opposite. High priced liquor makes the saloon possible and has increased intemperance one thousand fold in the past 60 years.

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* * * We must organize to save the children from idolatry. Papers and books are not doing that and cannot do it. It requires personal teaching by qualified instructors to use the books as it does in teaching other branches of knowledge to children. * * *

The teachers of idolatry are making converts to idolatry of our own children while we delude ourselves with the idea that we have more sense than the Christians and that Christianity is bankrupt and nearly dead. It is not dead and never will be until the people are tought the truth about God. We, who read and understand anti-Christian publications and scientific works that prove that God is a myth, must organize to promulgate those truths. * * * Let every one of those readers unite in the Church of Humanity now to propagate and perpetuate their knowledge. * * * —*Truth About God.*

The Church of Humanity now owns property worth $50,000 and the first 1000 members will own the stock. The property, which is located at Great Bend, Kansas; was left as a legacy by a deceased member. The editor of HIGHER SCIENCE is in no hurry to shuffle off his mortal body, altho it is more or less damaged, but when he does, the aforesaid church will receive another legacy.

Two plus two never began to make four, but always made it, and no god could cause it to make anything else.—*A. A. Snow in Arkansaw Traveler.*

TRUTH ABOUT GOD

Is a monthly paper representing the Church of Humanity, which now has more than 100 members, and owns valuable property in Kansas. Join the church and take this paper, which teaches that God is a myth like Santa Claus. For particulars address W. H. Kerr, Great Bend, Kansas.

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